BRUHAT BANGALORE MAHANAGARA PALIKE

APPROVED SCHEDULE - B

Name of Work: Drilling of borewell and and fixing of pipelines at Narasipura kere Park in Ward No.09

Sl. No.	App Qty	Description	Unit	Approved Tender Rates of	
				Rate in figures	Rate in words
1	1	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and as per the direction of Engineer-in-charge		1938.46	Rupees One Thousand Nine Hundred Thirty Eight And Paise Forty Six Only
2		Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) and as per the direction of Engineer-in-charge			Rupees Nil
	50.00	0 to 50 m		315.18	Rupees Three Hundred Fifteen And Paise Eighteen Only
	50.00	50 to 100 m		412.00	Rupees Four Hundred Twelve Only
	50.00	100 to 150 m		458.35	Rupees Four Hundred Fifty Eight And Paise Thirty Five Only
	50.00	150 to 200 m		484.10	Rupees Four Hundred Eighty Four And Paise Ten Only
3	45.00	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) **and as per the direction of Engineer-in-charge**	Rmtr	1325.00	Rupees One Thousand Three Hundred Twenty Five Only
4	15.00	Providing 250mm dia PVC Pipe **and as per the direction of Engineer-in-charge**	Rmtr	1064.00	Rupees One Thousand Sixty Four Only
5	1.00	Providing 175mm dia ms casing cap **and as per the direction of Engineer-in-charge**	no	103.00	Rupees One Hundred Three Only
6	8.00	Providing MS Casing pipe collars **and as per the direction of Engineer-in-charge**	No	154.50	Rupees One Hundred Fifty Four And Paise Fifty Only

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Sl. No.	App Qty	Description	Unit	Approved Tender Rates of	
				Rate in figures	Rate in words
7	1	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / **Atalanta**/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings. and as per the direction of Engineer-in-charge	NO	50100.00	Rupees Fifty Thousand One Hundred Only
8	160.00	Providing and fixing to wall celling and floor glavanised/ mild steel tubes (medium grade 1.27 kg /mt) B class **50 mm dia** nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. **and as per the direction of Engineer-in-charge**	Mtr	540.60	Rupees Five Hundred Forty And Paise Sixty Only
9	360.00	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and Powder coated extrued PVC sheathed suitable for working voltage upto 1100 Volts as per IS - 694 ; 1990 AND CONFORMING TO gtp OFGROUP A P. No. 12/ I No. (2.10.4) 3cx 6.0 Sqm **and as per the direction of Engineer-in-charge**	Mtr	188.70	Rupees One Hundred Eighty Eight And Paise Seventy Only
10	45	Labour charges for erection of new/ repaired submersible pumpset along with gi pipes inculding transportion each length **and as per the direction of Engineer-in-charge**	NO	88.00	Rupees Eighty Eight Only
11	1	Supplying and flush polished wood board with out front frount plank made of not less than 15mm thick plank after due groove cutting Finishing with necessary on **fixing the same to the wall using tapered** inverted wooden plugs screws etc., **and as per the direction of Engineer-in-charge**	Each	302.00	Rupees Three Hundred Two Only
12	35.00	Supplying of 1.1 KV LT UG cable having aluminium condutor PVC insulated shethed, EXTREDED INNER SHEATHRD galvnised steel,stirp confirming IS 3975;1990 AND extruded PVC outer sheathing armoured cable IS 1554 part 1;1998 and confirming to GTP of group. **and as per the direction of Engineer-in-charge**	Mtr	140.40	Rupees One Hundred Forty And Paise Forty Only
13	35.00	Labour charges for laying of 1.1 K.V class UG cable, **P No. 61 / I No. 7.8.1 In existing trencg/duct 6Sqmm to 16 Sqmm) and as per the direction of Engineer-in-charge**	Mtr	10.80	Rupees Ten And Paise Eighty Only
14	30.00	Digging or trenching of 0.6m deep x 0.5 mtr wide refilling the trench to the required ground level and consolidating etc., complete **and as per the direction of Engineer-in-charge**	Mtr	117.00	Rupees One Hundred Seventeen Only
15	3.00	Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class **and as per the direction of Engineer-in-charge**	Mtr	345.00	Rupees Three Hundred Forty Five Only
16	1.00	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., and as per the direction of Engineer-in-charge	NO	280.00	Rupees Two Hundred Eighty Only

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Sl. No.	App Qty	Description	Unit	Approved Tender Rates of	
				Rate in figures	Rate in words
17	1	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia, **and as per the direction of Engineer-in-charge**	NO	2727.00	Rupees Two Thousand Seven Hundred Twenty Seven Only
18	3	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete.... **and as per the direction of Engineer-in-charge**	Each	360.00	Rupees Three Hundred Sixty Only
19	6	Supplying and fixing of heavy duty glands for ug cable 1.1 kv etc., complete.... and as per the direction of Engineer-in-charge	Each	86.00	Rupees Eighty Six Only
20	1	Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materiasl wiring complete as requireds 5 to 32 amps triple pole with all lead and lift, loading, unloading and labour charges etc complete as per specifications **and as per the direction of Engineer-in-charge**	Each	1547.00	Rupees One Thousand Five Hundred Forty Seven Only
21	23400.00	Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm @ Rs.0.33 **and as per the direction of Engineer-in-charge**	Sq.Cm	0.33	Rupees And Paise Thirty Three Only
22	1	KSRB 13-7.1-4: Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and as per the direction of Engineer-in-charge	NOS	1585.76	Rupees One Thousand Five Hundred Eighty Five And Paise Seventy Six Only
23	1	Gate value 50 mm nominal bore gun metal **and as per the direction of Engineer-in-charge**	NOS	1650.00	Rupees One Thousand Six Hundred Fifty Only
24	1	Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset. **and as per the direction of Engineer-in-charge**	NO	10000.00	Rupees Ten Thousand Only
25	861.30	Earth work excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches, 1.5m and above in width, in ordinary soil, exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with all lead upto 50m after breaking of clods complete as per specifications and as per the direction of Engineer-in-charge	Per Cmtr	166.42	Rupees One Hundred Sixty Six And Paise Forty Two Only

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Sl. No.	App Qty	Description	Unit	Approved Tender Rates of	
				Rate in figures	Rate in words
26	1698.00	Providing and installing at site of work pvc pipes including cost of pipes and special and labour including lowering into trenches laying true to line level and prefect linking at joints, leak proof including jointing of approved type with all labour and lift charges handling charges including encasing the pipes all round to a depth not less than 15 cms with gravel or selected earth available from the excavation etc. complete PVC pipe of 6kg/cm2 63 mm (0.662) **(Page no.15, Item No.3.4.2)**	Per Rmtr	115.36	Rupees One Hundred Fifteen And Paise Thirty Six Only
27	0.00 861.30	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with a lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications and as per the direction of Engineer-in-charge	Per Cmtr	95.40	Rupees Ninety Five And Paise Forty Only
28	4.00	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 65mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. and as per the direction of Engineer-in-charge	Each	2175.12	Rupees Two Thousand One Hundred Seventy Five And Paise Twelve Only
29	360.00	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete (external work) 20mm nominal OD pipes and as per the direction of Engineer-in-charge	Per Rmtr	128.75	Rupees One Hundred Twenty Eight And Paise Seventy Five Only
30	24	STOP COCK **and as per the direction of Engineer-in-charge**	NOS	125.00	Rupees One Hundred Twenty Five Only
31	6	RCC NP2 900 MM DIA INCULDING COLLAR **and as per the direction of Engineer-in-charge**	RMT	2750.00	Rupees Two Thousand Seven Hundred Fifty Only

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